

## ABSTRACT

### A CUTTING TOOL FOR USE IN ORTHOPAEDIC SURGERY

A cutting tool for preparing a cavity in a bone for receiving a component of an orthopaedic joint prosthesis. The shape of the tool is based on a shell having a rotationally symmetrical outer surface. The tool has at least one portion cut out from it, the cut out portion extending from the peripheral edge of the shell toward the pole of the shell, such that the tool has no more than one plane of symmetry passing through the axis of rotation. The external surface of the shell presents at least two outwardly directed cutting teeth, arranged such that the net translational force on the tool in the plane which is perpendicular to the axis of rotation, resulting from the accumulated resistance of the teeth when rotated against a rotationally symmetrical cavity in which the tool is a snug fit, is approximately balanced.